IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/798,090**

DATE: 09/27/2004
TIME: 11:22:26

Input Set : **D:\400.147 Sequence Listing.ST25.txt**
Output Set: **N:\CRF4\09272004\J798090.raw**

```
 3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4        Richards, Ivan
 5        McSwiggen, James
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Muscarinic
Colinergic
 8        Receptor Gene Expression Using Short Interfering Nucleic Acid
 9        (siNA)
11 <130> FILE REFERENCE: 400/147 (MBHB04-183)
13 <140> CURRENT APPLICATION NUMBER: US 10/798,090
14 <141> CURRENT FILING DATE: 2004-03-11
16 <150> PRIOR APPLICATION NUMBER: US 10/757,803
17 <151> PRIOR FILING DATE: 2004-01-14
19 <150> PRIOR APPLICATION NUMBER: US 10/720,448
20 <151> PRIOR FILING DATE: 2003-11-24
22 <150> PRIOR APPLICATION NUMBER: US 10/693,059
23 <151> PRIOR FILING DATE: 2003-10-23
25 <150> PRIOR APPLICATION NUMBER: US 10/444,853
26 <151> PRIOR FILING DATE: 2003-05-23
28 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
29 <151> PRIOR FILING DATE: 2003-02-20
31 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
32 <151> PRIOR FILING DATE: 2003-02-20
34 <150> PRIOR APPLICATION NUMBER: US 60/358,580
35 <151> PRIOR FILING DATE: 2002-02-20
37 <150> PRIOR APPLICATION NUMBER: US 60/363,124
38 <151> PRIOR FILING DATE: 2002-03-11
40 <150> PRIOR APPLICATION NUMBER: US 60/386,782
41 <151> PRIOR FILING DATE: 2002-06-06
43 <150> PRIOR APPLICATION NUMBER: US 60/406,784
44 <151> PRIOR FILING DATE: 2002-08-29
46 <150> PRIOR APPLICATION NUMBER: US 60/408,378
47 <151> PRIOR FILING DATE: 2002-09-05
49 <150> PRIOR APPLICATION NUMBER: US 60/409,293
50 <151> PRIOR FILING DATE: 2002-09-09
52 <150> PRIOR APPLICATION NUMBER: US 60/440,129
53 <151> PRIOR FILING DATE: 2003-01-15
55 <150> PRIOR APPLICATION NUMBER: US 10/427,160
56 <151> PRIOR FILING DATE: 2003-04-30
58 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
59 <151> PRIOR FILING DATE: 2003-05-17
61 <160> NUMBER OF SEQ ID NOS: 304
63 <170> SOFTWARE: PatentIn version 3.3
65 <210> SEQ ID NO: 1
66 <211> LENGTH: 19
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ENTERED

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     68 <213> ORGANISM: Artificial Sequence
     70 <220> FEATURE:
     71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
     73 <400> SEQUENCE: 1
     74 gaccuugcac aauaacagu                                                  19
     77 <210> SEQ ID NO: 2
     78 <211> LENGTH: 19
     79 <212> TYPE: RNA
     80 <213> ORGANISM: Artificial Sequence
     82 <220> FEATURE:
     83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
     85 <400> SEQUENCE: 2
     86 uacaaccucg ccuuuguuu                                                  19
     89 <210> SEQ ID NO: 3
     90 <211> LENGTH: 19
     91 <212> TYPE: RNA
     92 <213> ORGANISM: Artificial Sequence
     94 <220> FEATURE:
     95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
     97 <400> SEQUENCE: 3
     98 uccaaacauc agcuccucc                                                  19
    101 <210> SEQ ID NO: 4
    102 <211> LENGTH: 19
    103 <212> TYPE: RNA
    104 <213> ORGANISM: Artificial Sequence
    106 <220> FEATURE:
    107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    109 <400> SEQUENCE: 4
    110 cuggauacac agccccucc                                                 19
    113 <210> SEQ ID NO: 5
    114 <211> LENGTH: 19
    115 <212> TYPE: RNA
    116 <213> ORGANISM: Artificial Sequence
    118 <220> FEATURE:
    119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    121 <400> SEQUENCE: 5
    122 cgaugcaggg cugcccccg                                                 19
    125 <210> SEQ ID NO: 6
    126 <211> LENGTH: 19
    127 <212> TYPE: RNA
    128 <213> ORGANISM: Artificial Sequence
    130 <220> FEATURE:
    131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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    134 gggaaccguc acucauuuc                                                 19
    137 <210> SEQ ID NO: 7
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138 <211> LENGTH: 19
139 <212> TYPE: RNA

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    142 <220> FEATURE:
    143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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    145 <400> SEQUENCE: 7
    146 cggcagcuac aauguuucu                                      19
    149 <210> SEQ ID NO: 8
    150 <211> LENGTH: 19
    151 <212> TYPE: RNA
    152 <213> ORGANISM: Artificial Sequence
    154 <220> FEATURE:
    155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    157 <400> SEQUENCE: 8
    158 ucgagcagcu ggcaauuuc                                      19
    161 <210> SEQ ID NO: 9
    162 <211> LENGTH: 19
    163 <212> TYPE: RNA
    164 <213> ORGANISM: Artificial Sequence
    166 <220> FEATURE:
    167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    169 <400> SEQUENCE: 9
    170 cuccucucca gacgguacc                                     19
    173 <210> SEQ ID NO: 10
    174 <211> LENGTH: 19
    175 <212> TYPE: RNA
    176 <213> ORGANISM: Artificial Sequence
    178 <220> FEATURE:
    179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    181 <400> SEQUENCE: 10
    182 caccgaugac ccucuggga                                     19
    185 <210> SEQ ID NO: 11
    186 <211> LENGTH: 19
    187 <212> TYPE: RNA
    188 <213> ORGANISM: Artificial Sequence
    190 <220> FEATURE:
    191 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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    194 aggucauacc gucuggcaa                                     19
    197 <210> SEQ ID NO: 12
    198 <211> LENGTH: 19
    199 <212> TYPE: RNA
    200 <213> ORGANISM: Artificial Sequence
    202 <220> FEATURE:
    203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
    205 <400> SEQUENCE: 12
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211 <212> TYPE: RNA
212 <213> ORGANISM: Artificial Sequence

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222 <211> LENGTH: 19
223 <212> TYPE: RNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
229 <400> SEQUENCE: 14
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233 <210> SEQ ID NO: 15
234 <211> LENGTH: 19
235 <212> TYPE: RNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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245 <210> SEQ ID NO: 16
246 <211> LENGTH: 19
247 <212> TYPE: RNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
253 <400> SEQUENCE: 16
254 gucauuuaag gucaacaag                                              19
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 19
259 <212> TYPE: RNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
265 <400> SEQUENCE: 17
266 gcagcugaag acggucaac                                              19
269 <210> SEQ ID NO: 18
270 <211> LENGTH: 19
271 <212> TYPE: RNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
277 <400> SEQUENCE: 18
278 caacacuuc cucuuaagc                                               19
281 <210> SEQ ID NO: 19
282 <211> LENGTH: 19
283 <212> TYPE: RNA
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284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:

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287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
289 <400> SEQUENCE: 19
290 ccuggccugu gccgaucug   19
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 19
295 <212> TYPE: RNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
301 <400> SEQUENCE: 20
302 gauuaucggg gucauuuca   19
305 <210> SEQ ID NO: 21
306 <211> LENGTH: 19
307 <212> TYPE: RNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
313 <400> SEQUENCE: 21
314 aaugaaucug uuuacgacc   19
317 <210> SEQ ID NO: 22
318 <211> LENGTH: 19
319 <212> TYPE: RNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
325 <400> SEQUENCE: 22
326 cuacaucauc augaaucga   19
329 <210> SEQ ID NO: 23
330 <211> LENGTH: 19
331 <212> TYPE: RNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
337 <400> SEQUENCE: 23
338 augggccuua gggaacuug   19
341 <210> SEQ ID NO: 24
342 <211> LENGTH: 19
343 <212> TYPE: RNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
349 <400> SEQUENCE: 24
350 ggccugugac cucuggcuu   19
353 <210> SEQ ID NO: 25
354 <211> LENGTH: 19
355 <212> TYPE: RNA
356 <213> ORGANISM: Artificial Sequence

358 <220> FEATURE:
359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

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Input Set : D:\400.147 Sequence Listing.ST25.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 20,21
Seq#:208; N Pos. 20,21
Seq#:209; N Pos. 20,21
Seq#:210; N Pos. 20,21
Seq#:211; N Pos. 20,21
Seq#:212; N Pos. 20,21
Seq#:213; N Pos. 20,21
Seq#:214; N Pos. 20,21
Seq#:215; N Pos. 20,21
Seq#:216; N Pos. 20,21
Seq#:217; N Pos. 20,21
Seq#:218; N Pos. 20,21
Seq#:219; N Pos. 20,21
Seq#:220; N Pos. 20,21
Seq#:221; N Pos. 20,21
Seq#:222; N Pos. 20,21
Seq#:223; N Pos. 20,21
Seq#:224; N Pos. 20,21
Seq#:225; N Pos. 20,21
Seq#:226; N Pos. 20,21
Seq#:227; N Pos. 20,21
Seq#:228; N Pos. 20,21
Seq#:229; N Pos. 20,21
Seq#:230; N Pos. 20,21
Seq#:231; N Pos. 20,21
Seq#:232; N Pos. 20,21
Seq#:233; N Pos. 20,21
Seq#:234; N Pos. 20,21
Seq#:235; N Pos. 20,21
Seq#:236; N Pos. 20,21
Seq#:237; N Pos. 20,21
Seq#:238; N Pos. 20,21
Seq#:239; N Pos. 20,21
Seq#:240; N Pos. 20,21
Seq#:241; N Pos. 20,21
Seq#:242; N Pos. 20,21
Seq#:243; N Pos. 20,21
Seq#:244; N Pos. 20,21
Seq#:245; N Pos. 20,21
Seq#:246; N Pos. 20,21
Seq#:247; N Pos. 20,21
Seq#:248; N Pos. 20,21
Seq#:249; N Pos. 20,21
Seq#:250; N Pos. 20,21

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```
Seq#:251; N Pos.  20,21
Seq#:252; N Pos.  20,21
Seq#:253; N Pos.  20,21
Seq#:254; N Pos.  20,21
Seq#:255; N Pos.  20,21
Seq#:256; N Pos.  20,21
Seq#:257; N Pos.  20,21
Seq#:258; N Pos.  20,21
Seq#:259; N Pos.  20,21
Seq#:260; N Pos.  20,21
Seq#:261; N Pos.  20,21
Seq#:262; N Pos.  20,21
Seq#:263; N Pos.  20,21
Seq#:264; N Pos.  20,21
Seq#:265; N Pos.  20,21
Seq#:266; N Pos.  20,21
Seq#:267; N Pos.  20,21
Seq#:268; N Pos.  20,21
Seq#:269; N Pos.  20,21
Seq#:270; N Pos.  20,21
Seq#:271; N Pos.  20,21
Seq#:272; N Pos.  20,21
Seq#:273; N Pos.  20,21
Seq#:274; N Pos.  20,21
Seq#:275; N Pos.  20,21
Seq#:276; N Pos.  20,21
Seq#:277; N Pos.  20,21
Seq#:278; N Pos.  20,21
Seq#:279; N Pos.  20,21
Seq#:280; N Pos.  20,21
Seq#:281; N Pos.  20,21
Seq#:282; N Pos.  20,21
Seq#:283; N Pos.  20,21
Seq#:284; N Pos.  20,21
Seq#:285; N Pos.  20,21
Seq#:286; N Pos.  20,21
Seq#:287; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:288; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:289; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:290; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:291; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:292; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:293; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:294; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:295; N Pos.  1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:296; N Pos.  20,21
Seq#:297; N Pos.  20,21
Seq#:298; N Pos.  20,21
Seq#:299; N Pos.  20,21
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Input Set : D:\400.147 Sequence Listing.ST25.txt
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Seq#:300; N Pos. 20,21
Seq#:301; N Pos. 20,21
Seq#:302; N Pos. 20,21
Seq#:303; N Pos. 20,21
Seq#:304; N Pos. 20,21

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```
L:2552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0
L:2570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0
L:2588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0
L:2606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0
L:2624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:2642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0
L:2660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0
L:2678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0
L:2696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0
L:2714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:2732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217 after pos.:0
L:2750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0
L:2768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219 after pos.:0
L:2786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
L:2804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 after pos.:0
L:2822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0
L:2875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224 after pos.:0
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0
L:3014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:0
L:3067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227 after pos.:0
L:3120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:0
L:3178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230 after pos.:0
L:3279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:3322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232 after pos.:0
L:3355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:3397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0
L:3445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
L:3498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:3546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:3672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:3745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0
L:3798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0
L:3856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:3934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:4017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:4100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0
L:4178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:4251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:4319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:4367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
L:4420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:4493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:4571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0
L:4649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:4722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
```

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Input Set : **D:\400.147 Sequence Listing.ST25.txt**
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```
L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:4873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:4926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:4984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:5062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:5145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:5228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:5306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:5379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:5447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:5495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:5548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:5621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:5699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:5777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:5878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:5906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:5934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:5962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:5990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:6018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:6046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:6074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:6097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:6120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:6143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:6166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:6189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0
L:6212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:6235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0
L:6258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0
L:6285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:6312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0
L:6340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0
L:6373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0
L:6406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0
L:6439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:6472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0
L:6505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:6538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0
L:6565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0
L:6592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:6674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0
L:6761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0
L:6818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0
L:6875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0
L:6967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:7024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/798,090**

DATE: 09/27/2004
TIME: 11:22:27

Input Set : **D:\400.147 Sequence Listing.ST25.txt**
Output Set: **N:\CRF4\09272004\J798090.raw**

L:7111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0